

PROCESS FOR THE MANUFACTURE OF 1,3,3,3-
TETRAFLUOROPROPENE

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ABSTRACT OF THE DISCLOSURE

The invention provides an economic process for the manufacture of 1,3,3,3-tetrafluoropropene (HFC-1234ze) by a two stage process. A hydrofluorination of 1-chloro-3,3,3-trifluoropropene (HCFC-1233zd) into 1-chloro-1,3,3,3-tetrafluoropropane (HCFC-244fa) and 1,1,1,3,3-pentafluoropropane (HFC-245fa) is conducted, followed by the dehydrochlorination of HCFC-244fa and dehydrofluorination of HFC-245fa into HFC-1234ze.